Certificate of Analysis

Cnicin

Cat. No.: HY-137984 CAS No .: 24394-09-0 Batch No.: 380282

Chemical Name: Butanoic acid, 3,4-dihydroxy-2-methylene-, (3aR,4S,6E,10Z,11aR)-2,3,3a,4,5,8,9,11a-octahydro-

10-(hydroxymethyl)-6-methyl-3-methylene-2-oxocyclodeca[b]furan-4-yl ester, (3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{20}H_{26}O_{7}$ **Molecular Weight:** 378.42

-20°C, protect from light Storage:

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure Consistent with structure LCMS:

Purity (LCMS): 99.88%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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